



Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **A VARIABLE SIZE KEY CIPHER AND METHOD AND DEVICE USING THE SAME** the specification of which *was filed on November 30, 2000, as application Serial No. 09/725,910*.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

We acknowledge the duty to disclose all information known to us which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<b>CHINA</b>	<b>00134266.5</b>	<b>November 29, 2000</b>
--------------	-------------------	--------------------------

We hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, We acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2

Agere Ref. No.: 121023/Duan 2-4-2

Attorney Docket No. 3731-0141P

We hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

3

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

We hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Chenggang DUAN

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Shanghai, China 200081

Citizenship: China

Post Office Address: 68# 1906 Lane  
North Shicuan Road  
Shanghai CHINA 200081

Full name of 2nd joint inventor: Fengguang Zhao

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Shanghai, China 200030

Citizenship: China

Post Office Address: RM9-102, St 1324, Shuidian RD  
Shanghai CHINA 200030

Full name of 3rd joint inventor: Sunil K. Gupta

Inventor's  
signature Sunil Kumar Gupta Date 4/08/2001

Residence: Edison, New Jersey, USA

Citizenship: India

Post Office Address: 8 Colaurdo Court  
Edison, New Jersey, 08820 USA



4

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

**ATTACHMENT A**

Attorney Name(s):	Raymond C. Stewart	Reg. No.:	21,066
	Joseph A. Kolasch		22,463
	James M. Slattery		28,380
	Donald J. Daley		34,313
	John A. Castellano		35,094
	Gary D. Yacura		35,416

Telephone calls should be made to Birch, Stewart, Kolasch & Birch, LLP at:

Phone No.: (703) 205-8000

Fax No.: (703) 205-8050

All written communications are to be addressed to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

**P.O. Box 747**

**Falls Church, VA 22040-0747**



Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **A VARIABLE SIZE KEY CIPHER AND METHOD AND DEVICE USING THE SAME** the specification of which *was filed on November 30, 2000, as application Serial No. 09/725,910.*

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

We acknowledge the duty to disclose all information known to us which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**CHINA      00134266.5      November 29, 2000**

We hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, We acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

We hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Bimbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

3

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

We hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Chenggang DUAN

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Shanghai, China 200081

Citizenship: China

Post Office Address: 68# 1906 Lane  
North Shicuan Road  
Shanghai CHINA 200081

Full name of 2nd joint inventor: Fengguang Zhao

Inventor's  
signature Fengguang Zhao Date April. 3. 2001

Residence: Shanghai, China 200030

Citizenship: China

Post Office Address: RM9-102, St 1324, Shuidian RD  
Shanghai CHINA 200030

Full name of 3rd joint inventor: Sunil K. Gupta

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Edison, New Jersey, USA

Citizenship: India

Post Office Address: 8 Colaurdo Court  
Edison, New Jersey, 08820 USA

4

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P**ATTACHMENT A**

Attorney Name(s):	Raymond C. Stewart	Reg. No.:	21,066
	Joseph A. Kolasch		22,463
	James M. Slattery		28,380
	Donald J. Daley		34,313
	John A. Castellano		35,094
	Gary D. Yacura		35,416

Telephone calls should be made to Birch, Stewart, Kolasch &amp; Birch, LLP at:

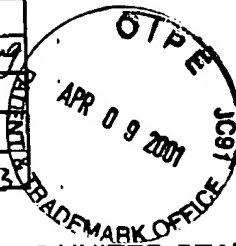
Phone No.: (703) 205-8000Fax No.: (703) 205-8050

All written communications are to be addressed to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP****P.O. Box 747****Falls Church, VA 22040-0747**



Post-It® Fax Note	7671	Date	# of pages
To	John Castellano	From	Duan, Chenggang
Co./Dept.		Co.	
Phone #		Phone #	
Fax #	703-205-8050	Fax #	(8621) 50472233



Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **A VARIABLE SIZE KEY CIPHER AND METHOD AND DEVICE USING THE SAME** the specification of which *was filed on November 30, 2000, as application Serial No. 09/725,910.*

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

We acknowledge the duty to disclose all information known to us which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**CHINA      00134266.5      November 29, 2000**

We hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, We acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2 Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

We hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Bimbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

3

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

We hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Chenggang DUAN

Inventor's signature Chenggang Duan Date 4/4/01

Residence: Shanghai, China 200081

Citizenship: China

Post Office Address: 68# 1906 Lane  
North Shicuan Road  
Shanghai CHINA 200081

Full name of 2nd joint inventor: Fengguang Zhao

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Shanghai, China 200030

Citizenship: China

Post Office Address: RM9-102, St 1324, Shuidian RD  
Shanghai CHINA 200030

Full name of 3rd joint inventor: Sunil K. Gupta

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Edison, New Jersey, USA

Citizenship: India

Post Office Address: 8 Colaurdo Court  
Edison, New Jersey, 08820 USA

4

Agere Ref. No.: 121023/Duan 2-4-2  
Attorney Docket No. 3731-0141P

**ATTACHMENT A**

Attorney Name(s):	Raymond C. Stewart	Reg. No.:	21,066
	Joseph A. Kolasch		22,463
	James M. Slattery		28,380
	Donald J. Daley		34,313
	John A. Castellano		35,094
	Gary D. Yacura		35,416

Telephone calls should be made to Birch, Stewart, Kolasch & Birch, LLP at:

Phone No.: (703) 205-8000

Fax No.: (703) 205-8050

All written communications are to be addressed to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

**P.O. Box 747**

**Falls Church, VA 22040-0747**